

WHAT IS CLAIMED IS:

1. An adhesive polymer composite comprising at least one, optionally hydrogenated, nitrile rubber polymer having a Mooney viscosity (ML 1+4 @ 100°C) below 30, optionally at least one filler and optionally at least one cross-linking agent.  
5
2. A composite according to Claim 1 wherein the raw polymer Mooney viscosity (ML 1+4 @ 100°C) is below 20.  
10
3. A composite according to Claim 1 wherein the raw polymer Mooney viscosity (ML 1+4 @ 100°C) is below 10.
4. A composite according to Claim 1 wherein the polymer composite comprises a peroxide, resin or sulfur curing system.  
15
5. A process for preparing a polymer composite according to Claim 1 comprising mixing at least one, optionally hydrogenated, nitrile rubber polymer having a Mooney viscosity (ML 1+4 @ 100°C) below 30, with optionally at least one filler and optionally at least one cross-linking agent.  
20
6. A self-supporting shaped article comprising an adhesive composite comprising at least one, optionally hydrogenated, nitrile rubber polymer having a Mooney viscosity (ML 1+4 @ 100°C) below 30.  
25
7. An article according to Claim 6, wherein the article further comprises at least one supporting means on which the compound is layered.

8. A tape comprising the compound of Claim 1 and optionally one or more supporting means.
  9. A sealant or adhesive composition comprising the compound of Claim 1.
- 5